

Figure 1 A

Figure 1 A

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Y12661      349  RGLQEAAREESAREEEAEOERSGGEEVGEEDDEAAEAADAEARARONALLFAEEEDGEAGAEKRSQEEETPGHRRKKAEGTEEGGEEDDEEMDPQTIDSLIELSTKLH
NM_003378  349  *****
VGARP-11      ..IQEAAREESAREEEAEOERRGGEEVGEEDDEAAEAADAEARARONALLFAEEEDGEAGAE.
VGARP-28      .GLQEAAREESAREEEEA.
VGARP-29      .GLQEAAREESAREEEAEOE.
VGARP-30      .....GGEEVGEEDDEAAEAADAEARARONALLFAEEEDGEAGAE.
VGARP-31      .....GGEEVGEEDDEAAEAADAEARARONALL.
VGARP-32      .....GGEEVGEEDDEAAEAADAEARARONALLFAEEEDGEAGAE.
VGARP-33      .....GGEEVGEEDDEAAEAADAEARARONALLFAEEEDDEEMDPQTIDSL.
VGARP-12      .....SQEETPGHRRKKAEGTEEGGEEDDEEMDPQTIDSLIELSTKLH →
VGARP-13      .....SQEETPGHRRKKAEGTEEGGEEDDEEMDPQTIDSLIELSTKLH →
VGARP-34      .....SQEETPGHRRKKAEGTEEGGEEDDEEMDPQTIDSLIELSTKLH →
VGARP-35      .....STKLH →
VGARP-16      .....r13-AEERESAR-r14.
VGARP-17      .....r13-EDDEAAEA-r4.
VGARP-17      .....r5-EMDPQTI-r6.

Y12661      465  LPADDVVSIIIEVEEKKRNRKKAPPEVPPPPRAAPATHVRSQPQPPPPS-ARDELDPDWNEVLPPMDREEDDEVYPPGYPHPFNVIIRPTIQPPSALRRRHHYHALPPSRHYHGR
NM_003378  464  *****
VGARP-36      .....NAPPEVPPPPRAAPATHVRSQPQPPPPARDELDP.
VGARP-37      .....NAPPEVPPPPRAAPATHVRSQPQPPPPARDELDP.
VGARP-12      → LPADDVVS.
VGARP-13      → LPADDVVSIIIEVSE.
VGARP-34      → LPADDVVS.
VGARP-38      .....r15-PTHVRSQP-r16.

Y12661      580  EAQARHAQQEAEAEERLQOELENIYEHVLLRRP
NM_003378  580  *****

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Figure 1 B

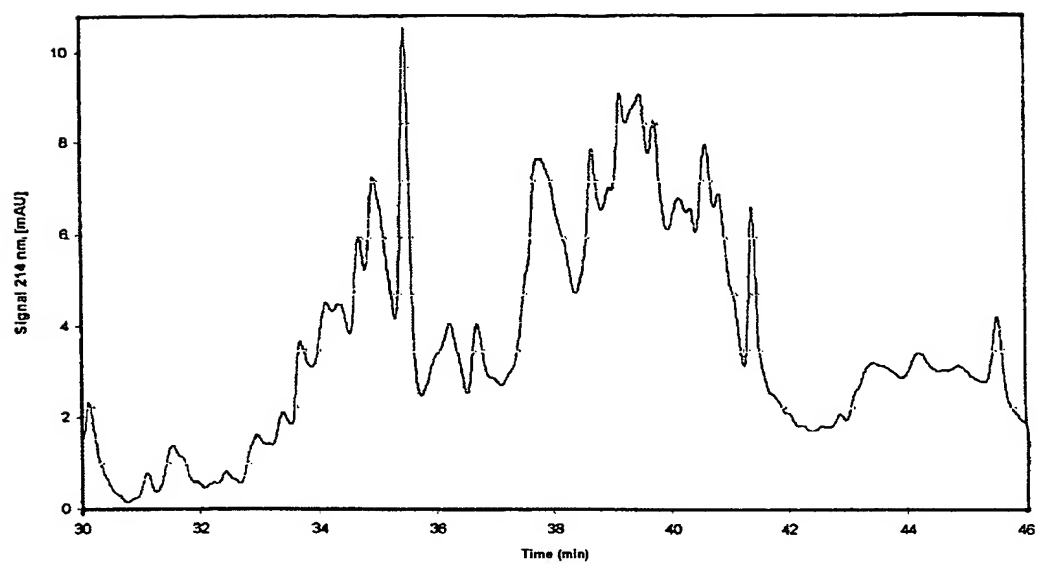
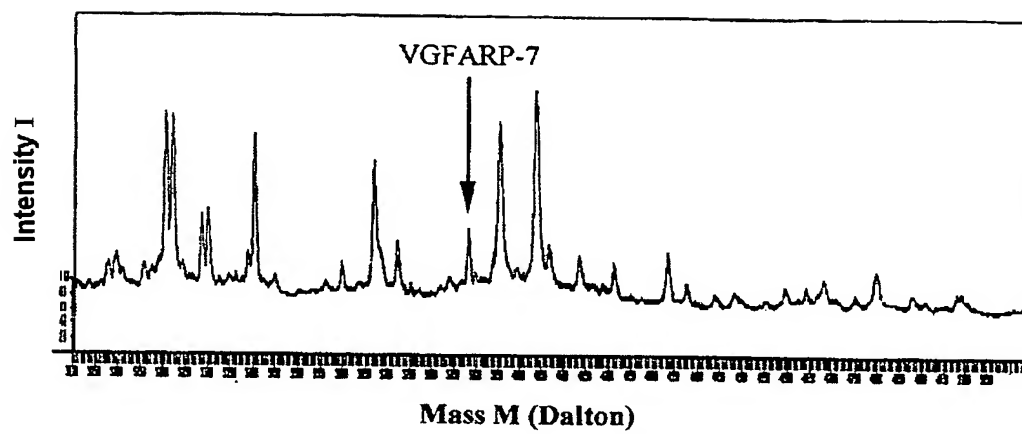


Figure 2:

**Figure 3**

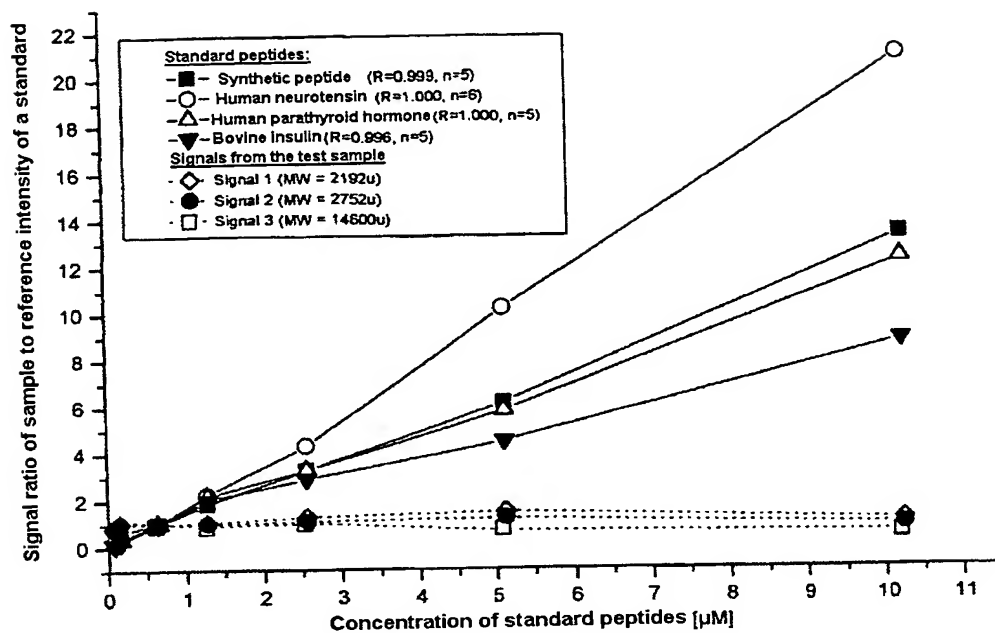


Figure 4:

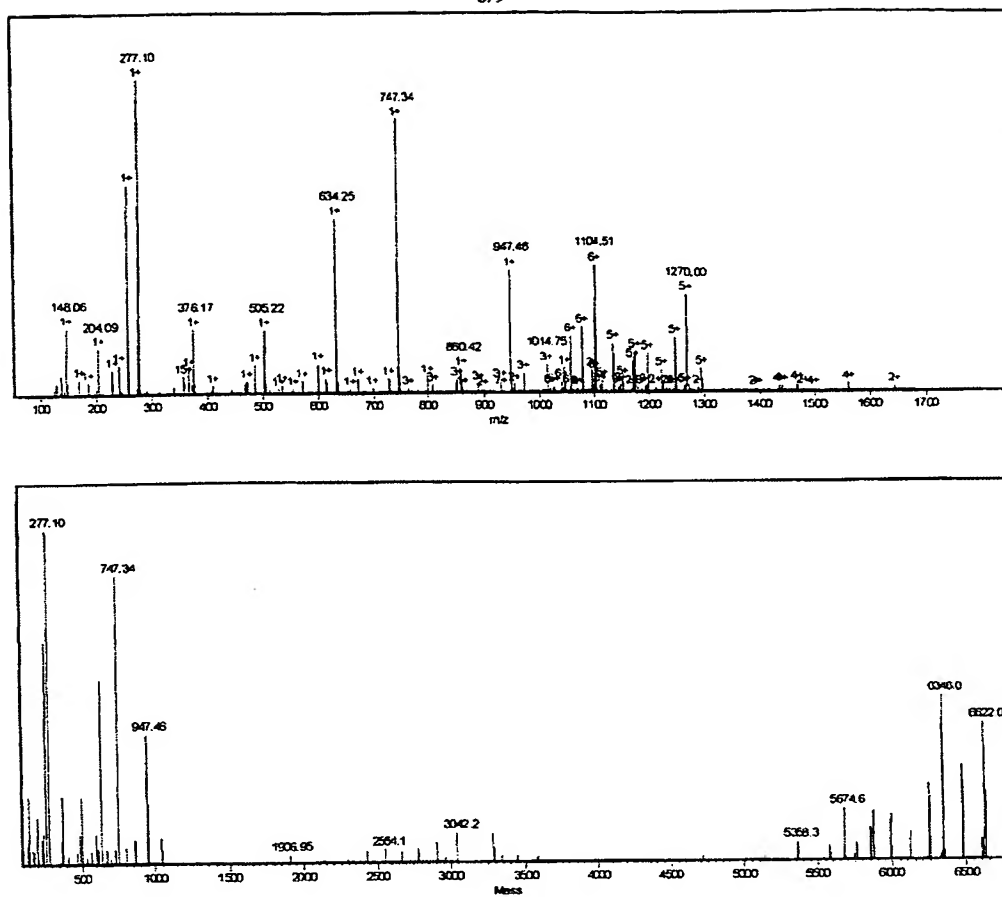
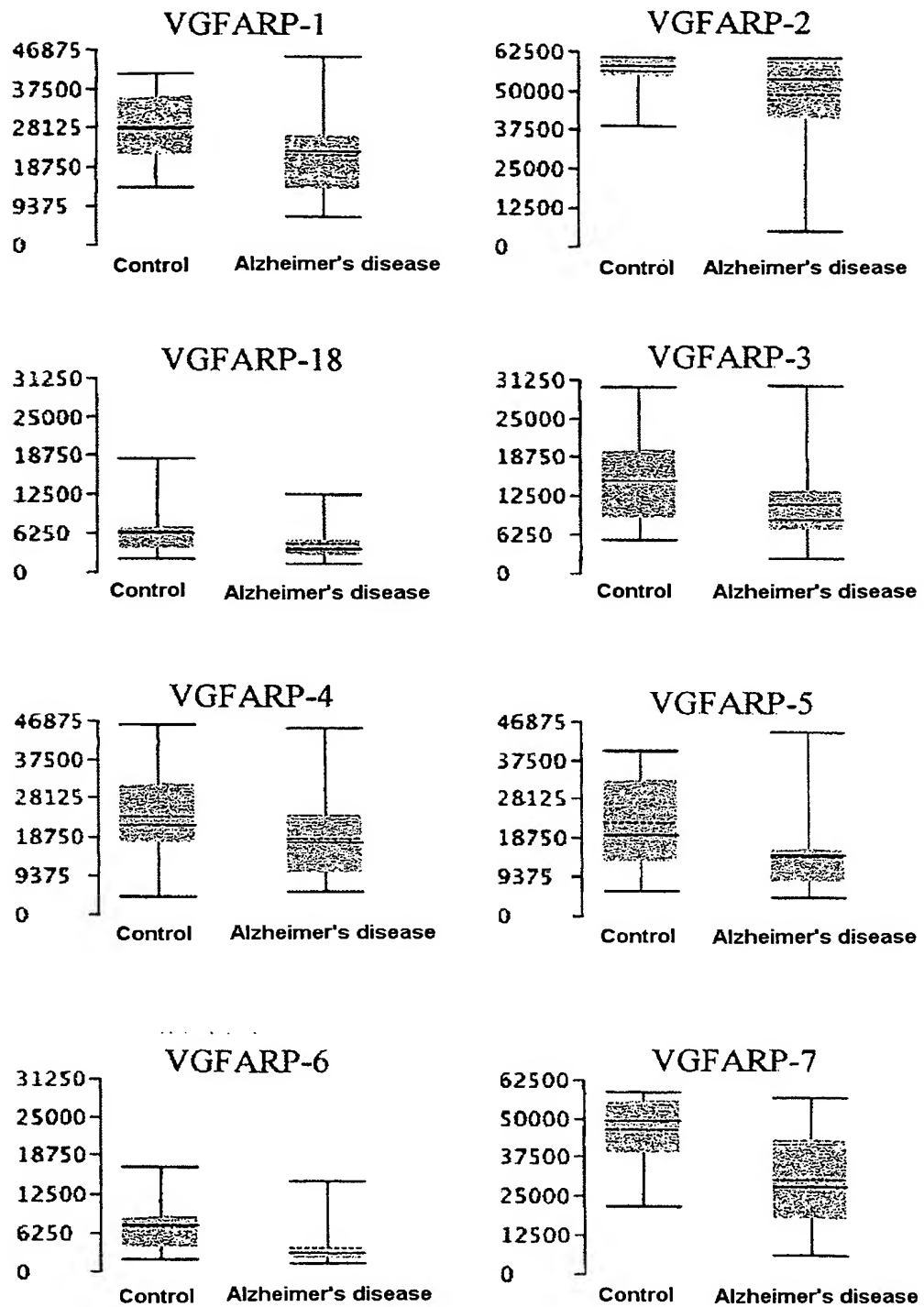
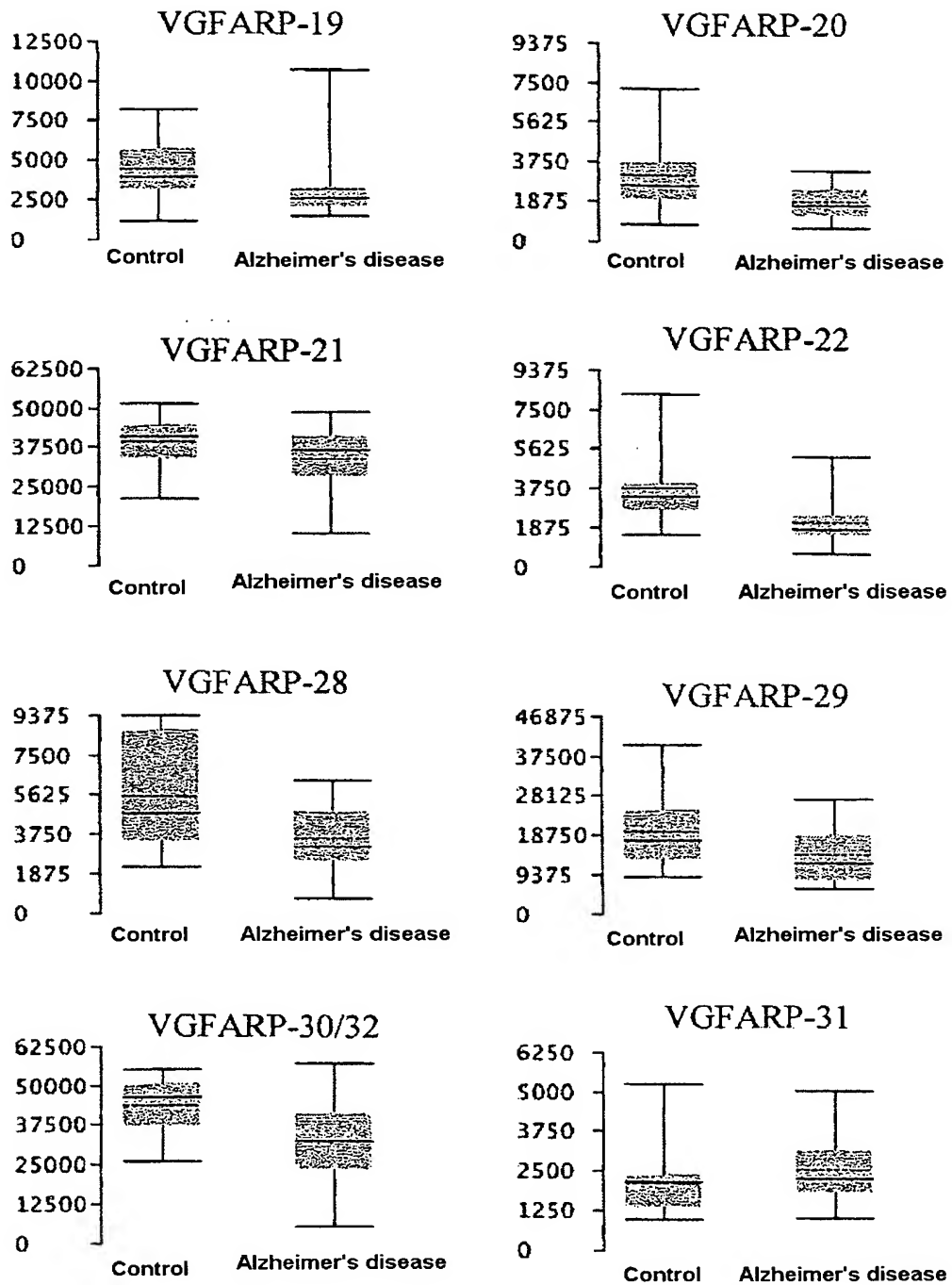


Figure 5

**Figure 6A:**

**Figure 6B:**

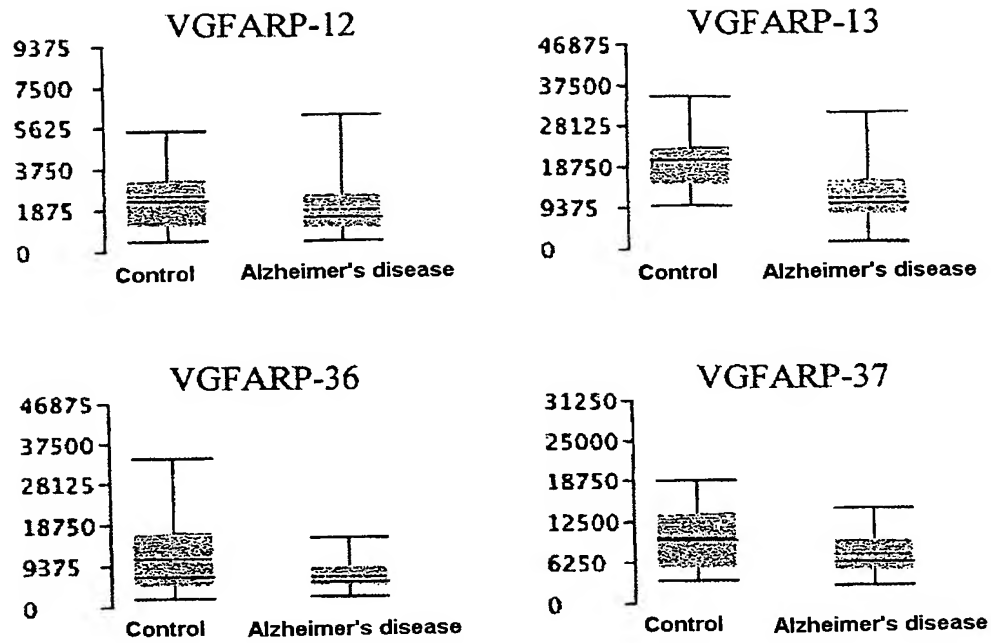


Figure 6C: